

Title (en)  
INTRAORAL DENTAL RADIOLOGY POSITIONING DEVICE

Title (de)  
INTRAORALE DENTALE RADIOLOGISCHE POSITIONIERUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE POSITIONNEMENT RADIOLOGIQUE DENTAIRE INTRA-ORAL

Publication  
**EP 1489987 A4 20091118 (EN)**

Application  
**EP 03746047 A 20030325**

Priority

- US 0309100 W 20030325
- US 11340102 A 20020401
- US 36592103 A 20030213
- US 39537103 A 20030324

Abstract (en)  
[origin: WO03084421A2] A receptor positioning device for taking dental bitewing radiographs of teeth inside a patient's mouth includes a rigid, fixed structure having a collimation plate defining a substantially rectangular opening. A receptor holding member is adapted to receive a receptor, and an elongated arm is adapted to receive and couple to the collimation plate. The elongated arm extends towards and couples with a rear portion of the receptor holding member, opposite the collimation plate, such that an unobstructed path is defined between the substantially rectangular opening of the collimation plate and the receptor. A biting surface is fixedly attached to a distal end of the elongated arm and adjacent to the receptor holding member such that the receptor is positioned behind the teeth on which the radiographs are being taken while the biting surface is gripped by the teeth on the opposite side of the patient's mouth.

IPC 8 full level  
**A61C 19/04** (2006.01); **G03B 42/04** (2006.01); **A61B 6/00** (2006.01); **A61B 6/14** (2006.01)

CPC (source: EP US)  
**A61B 6/4283** (2013.01 - EP US); **A61B 6/4435** (2013.01 - EP US); **A61B 6/51** (2024.01 - EP US); **A61B 6/512** (2024.01 - EP US);  
**G03B 42/042** (2013.01 - EP US)

Citation (search report)

- [XA] GB 1276165 A 19720601 - PREC X RAY COMPANY [US]
- [XA] EP 0078425 A2 19830511 - TROLLHATTEPLAST FORSALJNING AB [SE]
- [A] WO 0101196 A2 20010104 - DENTSPLY INT INC [US]
- See references of WO 03084421A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 03084421 A2 20031016; WO 03084421 A3 20040212**; AU 2003225979 A1 20031020; AU 2003225979 A8 20031020;  
CA 2479929 A1 20031016; CA 2479929 C 20110614; CN 1650228 A 20050803; CN 1650228 B 20120307; EP 1489987 A2 20041229;  
EP 1489987 A4 20091118; JP 2005521510 A 20050721; US 2004028187 A1 20040212; US 2005002494 A1 20050106;  
US 7056015 B2 20060606

DOCDB simple family (application)  
**US 0309100 W 20030325**; AU 2003225979 A 20030325; CA 2479929 A 20030325; CN 03809652 A 20030325; EP 03746047 A 20030325;  
JP 2003581668 A 20030325; US 39537103 A 20030324; US 89924904 A 20040726